

contained in the limestone connected with coal in *Assam*, and may be found on farther inquiry to characterise this member of the coal measures generally throughout India.

The fossils represented in the above plates, together with the views to which they have partly given rise, are so much of the results of my late journey to *Assam*, as appear at present to be connected with the subject of coal. Other more extensive collections of a similar nature from the raised beach referred in section II., are less connected with the natural history of our coal-fields, but will be progressively brought forward on more suitable occasions: in the mean time Dr. CANTOR has kindly undertaken to submit a sample of the whole to naturalists at home, whose views will be a guide to farther investigations on the subject. J. M.

IX.—*Abstract of a Meteorological Register kept at the Cathmandu Residency for the month of September, 1837.* By A. CAMPBELL, Esq. Nipal Residency.

Day.	Observations at 10 A. M.				Observations at 4 P. M.				Wind, Weather, Rain.		
	Barometer.	Thermometer.			Barometer.	Thermometer.			At 10 A. M.	At 4 P. M.	Rain.
		Height at 32° Fah.	In Air.	Wet bulb.		Difference.	Height at 32° Fah.	In Air.			
1	25,242	74	69	5	25,176	78	70	8	W. Cloudy.	N. W. Clear	
2	,258	74	69	5	,165	76	70	6	Do. Do.	W. Shy.	
3	,270	73	68	5	,174	78	70	8	N. W. Do.	W. Fair.	519
4	,202	73	68	5	,083	75	69	6	W. Do.	S. W. Rain	346
5	,181	71	66	5	,089	75	70	5	Do. Do.	W. Cloudy,	200
6	,141	71	66	5	,111	72	68	4	S. W. Do.	S. W. Rn.	
7	,147	72	68	4	,107	72	68	4	Do. Do.	S. E. Do.	250
8	,221	72	68	4	,146	74	70	4	W. Do.	W. Fine.	865
9	,247	72	68	4	,191	72	69	3	Do. Do.	S. W. Rn.	1,297
10	,259	71	68	3	,190	74	70	4	S. W. Fair.	W. Clear.	519
11	,287	71	67	4	,207	76	70	6	W. Clear.	W. Thund.	
12	,328	70	66	4	,268	70	66	4	W. Cloudy.	W. Calm.	1,020
13	,338	70	66	4	,280	77	70	7	W. Clear.	Do. Bright.	150
14	,389	72	68	4	,279	76	70	6	S. W. Cdy.	Do. Do.	
15	,369	72	68	4	,279	75	71	4	W. Clear.	S. W. Cdy.	
16	,295	72	68	4	,199	75	70	5	S. W. Cdy	Do. Do.	
17	,229	72	68	4	,166	77	72	5	Do. Clear.	W. Clear.	
18	,291	72	66	6	,240	73	67	6	W. Do.	S. W. Cld.	
19	,337	71	65	6	,283	75	68	7	S. W. Cdy	W. Clear.	
20	,372	70	66	4	,297	75	66	9	Do. Do.	Do. Do.	
21	,427	68	64	4	,305	75	68	7	W. Clear.	Do. Do.	
22	,449	69	64	5	,339	73	68	5	Do. Do.	Do. Do.	
23	,454	69	64	5	,331	72	66	6	Do. Do.	Do. Cldy.	
24											
25											
26											
27											
28											
29											
30											
31											
Mn.	25,292	71.3	66.8	4.5	25,257	74.5	68.6	5.9			5.165

No Rain since the 13th but the neighbouring mountain tops have been cloudy throughout the month. A slight shock of earthquake at 11-45 P. M. of the 6th.